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Figure 1

Q CAG G ĸ GGG CTT GCT ATT GCC CCT G P L CCX GGT ACC AGA TGT TTT CTC TTG TTG (leader, -20-1)

S P S H Q D TCC TCC CAG TCT CCX λCC GAC ATC CAG λTG S v R L L S AGT GTC λGλ GGA $C\lambda\lambda$ CTG TCT TCT GCC **ATT** L (fr.1, 1-23) CTC ACT TGT

R A S Q D I G I N L CGG GCA AGT CAG GAC ATT GGT ATT AAC TTA H CAT (cdr1, 24-34)

T L Q Q K P D G T I
TGG CTT CAG CAG GAA CCA GAT GGA ACT ATT
K R L I Y
AAA CGC CTG ATC TAC (fr2., 35-49)

A T S S L G B
GCC ACA TCC AGT TTA GGT TCT (cdr2, 50-56)

X TTC GGC AGT AGG AGT GTC CCC $\lambda\lambda\lambda$ AGG GGT S T D ATC AGC TCT CTC ACC TAT GAT TCA GGG TCT Y E D r S E TAT . CLY GCC TIT TCT GAA GAT GAG CTT AGC TAC TGT (fr3, 57-88)

L Q Y A S S P Y T CTA CAA TAT GCT AGT TCT CCG TAC ACG (cdr3, 89-97)

F G G G T K L E I K
TTC GGA GGG GGG ACC AAG CTG GAA ATA AAA
(fr4, 98-107)

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GTA TCC ATC ACT CCA GAT GCT GCA CGG GCT 8 CTT GGG AAG TCC AGT CCX TTC CCY



Title: MURINE MONOCLONAL ANTI-IDIOTYPE ANTIBODY 11D10

AND METHODS OF USE THEREOF

tor(s): Malaya CHATTERJEE et al.

Application No.: 08/836,455 Docket No.: 304142000322

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Figure 3A

DIQMTQSPSSLSASLGQRVSLTC — Framework #1, 1-23

RASQDIGINLH — CDR-1, 24-34

TLQQEPDGTIKRLIY — Framework #2, 35-49

ATSSLGS — CDR-2, 50-56

GVPKRFSGSRSGSDYSLTISSLESEDFVAYYC — Framework #3, 57-88

LQYASSPYT — CDR-3, 89-97

FGGGTKLEIK — Framework #4, 98-107

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M G A P A Q I L G P
ATG GGG GCC CCT GCT CAG ATT CTT GGG TTC

L L L P P G T R C
TTG TTG CTC TTG TTT CCA GGT ACC AGA TGT
(leader, -20-1)

Q M T Q CAG ATG ACC CAG TCT CCA ATC TCC TCC G R V Q S 3 L GCC TCT CTG GGA CAA AGA GTC TTA TCT T C ACT TGT (fr.1, 1-23) CTC

R A S Q D I G I N L CGG GCA AGT CAG GAC ATT GGT ATT AAC TTA H CAT (cdr1, 24-34)

T L Q Q E P D G T I
TGG CTT CAG CAG GAA CCA GAT GGA ACT ATT
K R L I Y
AAA CGC CTG ATC TAC (fr2., 35-49)

A T S S L G 8
GCC ACA TCC AGT TTA GGT TCT (cdr2, 50-56)

F TTC B **A**GT G GGC P CCC X GTC AGG AGT AGG GGT Y TAT SE GAA S TCT D S TCA D GAT L CTC ACC ATC TCT GGG AGC S TCT GAT TTT GTA GAG GCC TAT **AGC** CTT TAC TGT (fr3, 57-88)

L Q Y A S S P Y T CTA CAA TAT GCT AGT TCT CCG TAC ACG (cdr3, 89-97)

F G G G T K L E I K
TTC GGA GGG GGG ACC AAG CTG GAA ATA AAA
(fr4, 98-107)

R A D A A P T V S I CGG GCT GAT GCT GCA CCA ACT GTA TCC ATC F P P S S K L G TTC CCA CCA TCC AGT AAG CTT GGG



Figure 3A

DIQMTQSPSSLSASLGQRVSLTC — Framework #1, 1–23

RASQDIGINLH — CDR-1, 24–34

TLQQEPDGTIKRLIY — Framework #2, 35–49

ATSSLGS — CDR-2, 50–56

EGVPKRFSGSRSGSDYSLTISSLESØDFVAYYC — Framework #3, 57–88

LQYASSPYT — CDR-3, 89–97

FGGGTKLEIK — Framework #4, 98–107

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